DATA SHEET

Three Phase Induction Motor - Squirrel Cage

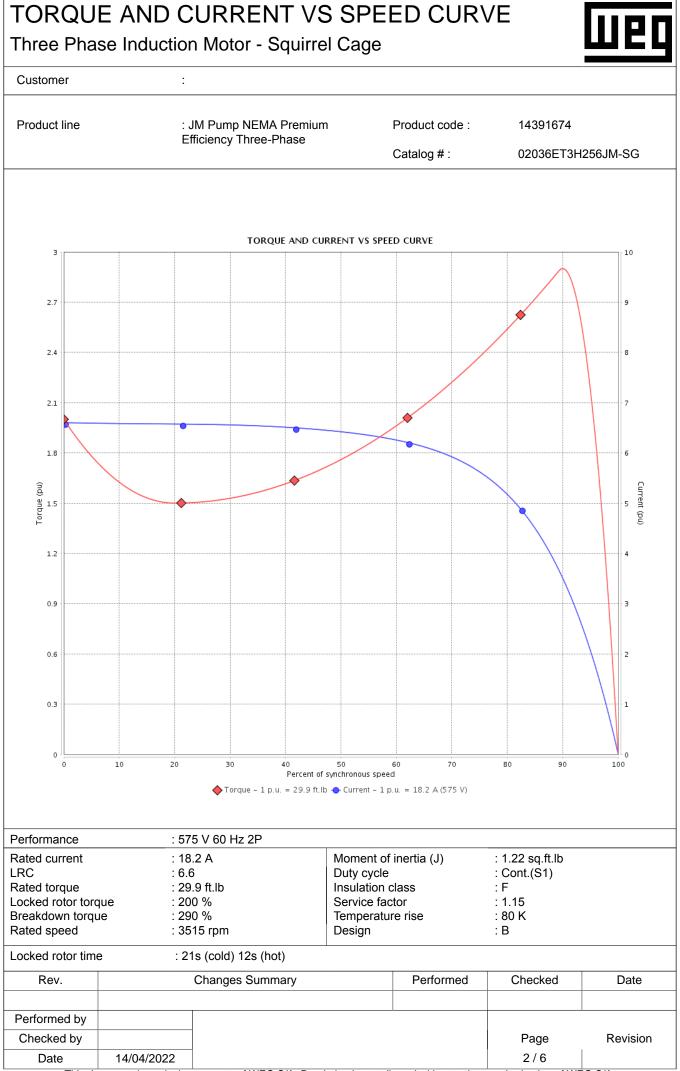
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Customer

Product line			Pump NEMA Premiun ency Three-Phase	Product code :		14391674	
				Catalog #	:	02036ET3H2	256JM-SG
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torc Breakdown torqu Insulation class Service factor Moment of inertia Design	ue	: 2 : 60 F : 575 : 18.2 : 120 : 6.6× : 351 : 2.36 : 29.9 : 200 : 290 : F : 1.15	HP (15 kW) Hz V 2 A A (Code G)) A 5 rpm 5 % 9 ft.lb %	Locked rotor time Temperature rise Duty cycle Ambient temperat Altitude Protection degree Cooling method Mounting Rotation ¹ Noise level ² Starting method Approx. weight ³	ture	: 21s (cold) : 80 K : Cont.(S1) : -20°C to +4 : 1000 m.a.s : IP55 : IC411 - TE : F-1 : Both (CW : 75.0 dB(A) : Direct On I : 211 lb	40°C s.l. FC and CCW)
Output	25%	50%	75% 100%	Foundation loads			
Efficiency (%) Power Factor	89.7 0.55	90.0 0.81	91.0 91.0 0.88 0.91	Max. traction Max. compression		: 310 lb : 521 lb	
Bearing type Sealing Lubrication interv Lubricant amour		:	<u>Drive end</u> 6309 Z C3 V'Ring 15797 h 13 g	620 Without I 20	<u>rive end</u>)8 Z C3 Bearing Seal)000 h	I	
Lubricant type Notes		:		lobil Polyrex EM	8 g		
Notes	ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc	previous one, which end. e of +3dB(A).		e values base		
Notes Fhis revision repl must be eliminate 1) Looking the m 2) Measured at 3) Approximate v manufacturing pro- 4) At 100% of ful Rev.	ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc oject to cha	previous one, which end. e of +3dB(A).	Iobil Polyrex EM	e values base ect to the tol		
Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v nanufacturing pro 4) At 100% of ful Rev. Performed by	ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc oject to cha	previous one, which end. e of +3dB(A). inges after	These are average power supply, subj MG-1.	e values base ect to the tol	erances stipul	ated in NEMA Date
Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful	ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha Ch	previous one, which end. e of +3dB(A). inges after	These are average power supply, subj MG-1.	e values base ect to the tol	erances stipul	ated in NEMA

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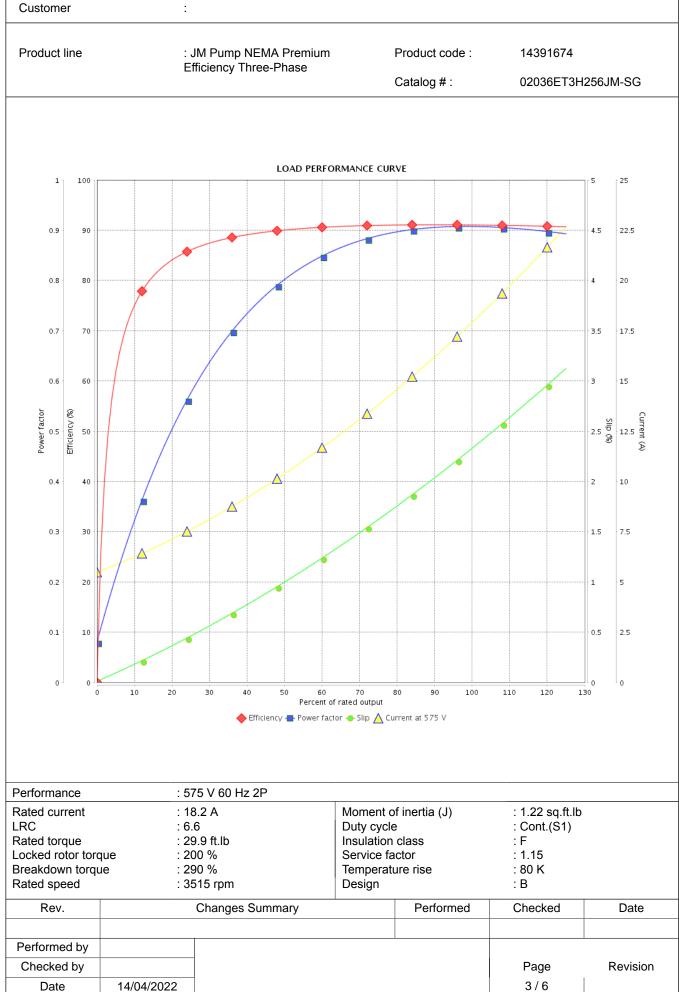


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LOAD PERFORMANCE CURVE

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THERMAL LIMIT CURVE

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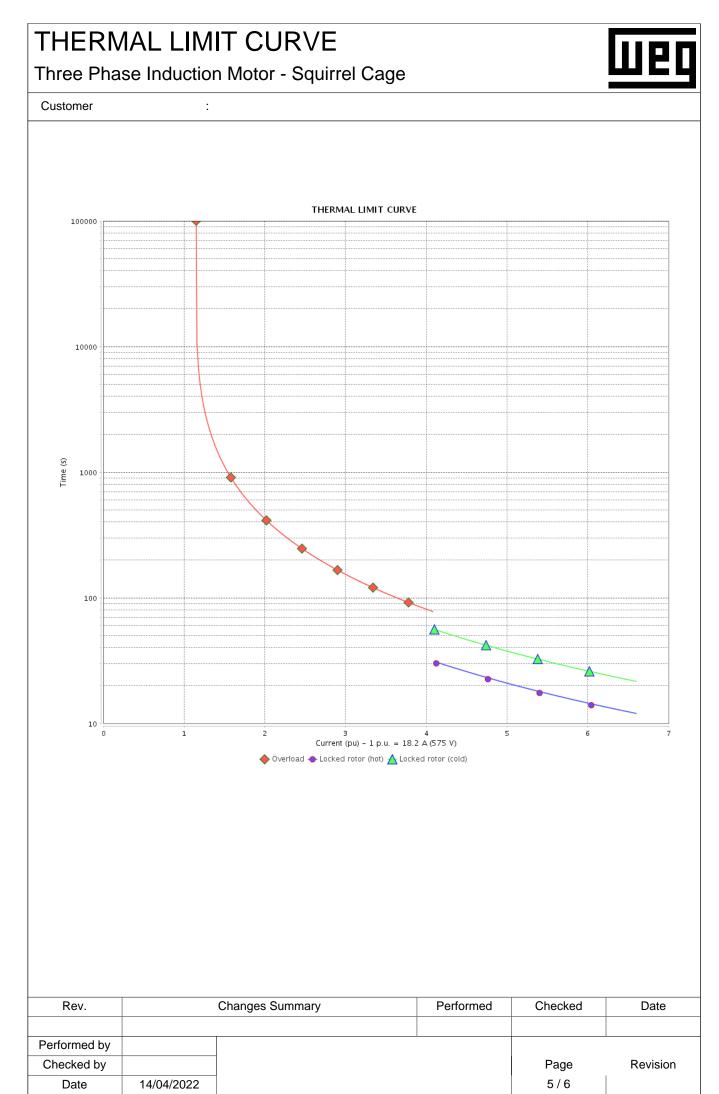
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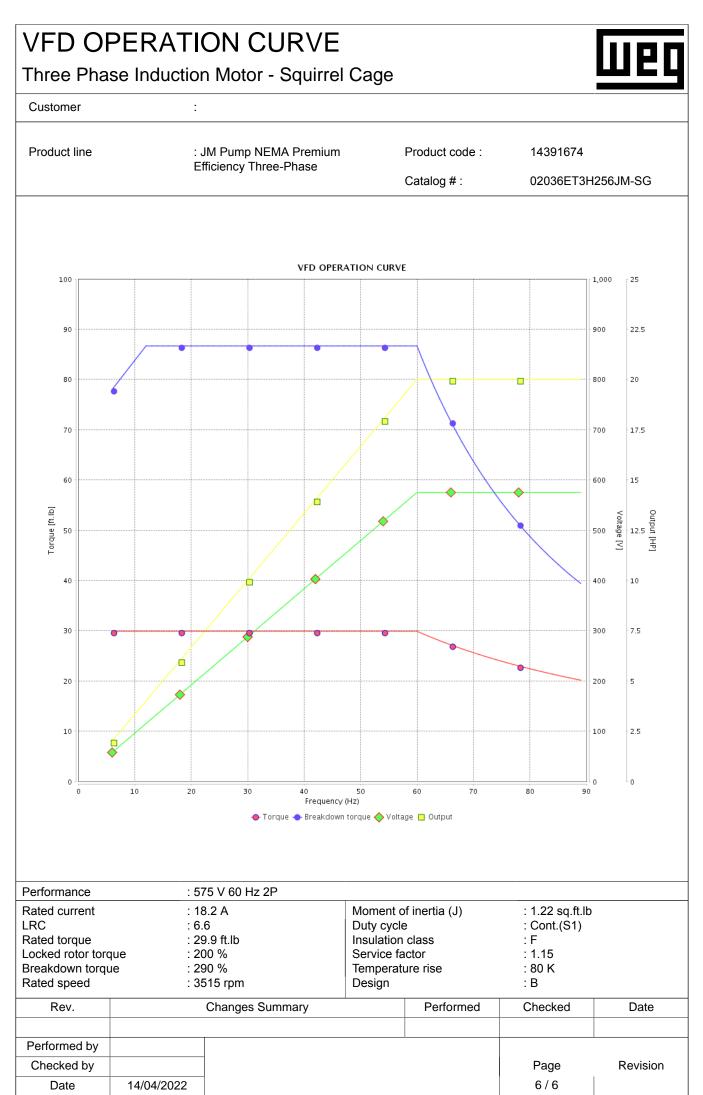
Customer

Product line	: c Et	JM Pump NEMA Premium fficiency Three-Phase		Product code : Catalog # :	14391674 02036ET3H2	256JM-SG
Performance	· 57	75 V 60 Hz 2P				
Rated current: 18.2 A_RC: 6.6Rated torque: 29.9 ft.lb_ocked rotor torque: 200 %Breakdown torque: 290 %Rated speed: 3515 rpm		Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 1.22 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B		
Heating constan	t					
Cooling constan						
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by		-			Page	Revision
Date	14/04/2022				4 / 6	

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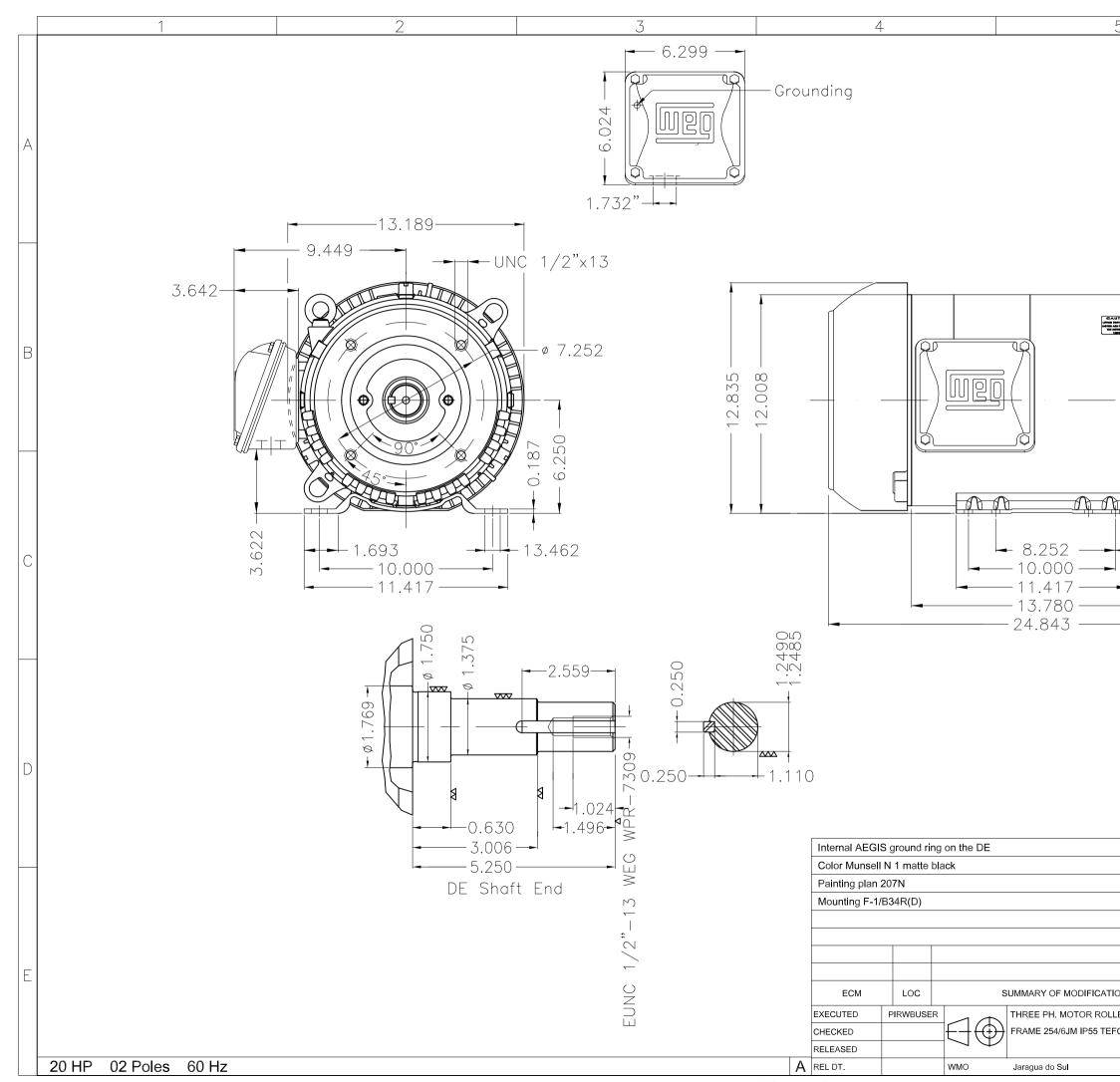


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5 6	Dimensions in inches
	A3
Product Engineering SHEET 1 / 1	XME
/	×